L1.3 Counting and Probabilistic Reasoning

L1.3.1 Describe, explain, and apply various counting techniques; relate combinations to Pascal’s triangle; know when to use each technique.

A1.2 Solutions of Equations and Inequalities

A1.2.9 Know common formulas and apply appropriately in contextual situations

Standard L1: Reasoning about numbers, systems, and quantitative situations.

L1.2 Representations and Relationships

L1.2.1 Use mathematical symbols to represent quantitative relationships and situations.